

LANGER

CZECHOSLOVAKIA/Optics - Optical Engineering.

K-4

Abs Jour : Referat Zhur - Fizika, No 3, 1957, № 7608

Author : Langer.

Inst :

Title : Scattering Glasses, Bounded by Cylindrical Surfaces.

Orig Pub : Jemna mech. a opt., 1956, 1, No 2, 49-52

Abstract : No abstract.

Card 1/1

- 12 -

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928520015-9"

LANGER, V.

An analysis of mistakes in the control of dovetail joints by means of measuring rollers.

P. 122 (Jemna Mechanika a Optika. Vol. 2, no. 4, Aug. 1957, Praha, Czechoslovakia)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2.
February 1958

Langer CZECHOSLOVAKIA/Optics - Photometry. Colorimetry

K-12

Abs Jour : Ref Zhur - Fizika, No 8, 1958, No 19411

Author : Langer, V.

Inst : Not given

Title : On the Validity of the Talbot Law for Radiation Receivers,
Whose Inertia is Determined by the Exponential Function $e^{-\alpha t}$.

Orig Pub : Jemna Mech. a opt., ¹⁹⁵⁷ 1967, 2, No 5, 129-130

Abstract : A mathematical derivation is given for the Talbot law for
radiation receivers with time delay that is given by an
exponential function. Relations are given for the state
of the receiver at the given instant of time, when it
receives periodic rectangular pulses.

Card : 1/1

LANGER, V.

CZECHOSLOVAKIA/Optics - Geometrical Optics

K-2

Abs Jour : Rof Zhur - Fizika, No 10, 1958, No 23773

Author : Langer V., Gregor J.

Inst : UVOJM, Frehov, Czechoslovakia

Title : Distribution of Light at the Image Point According to Wendersleb.

Orig Pub : Jeznna mech. e opt., 1957, 2, No 6, 161-164

Abstract : A method is given for the calculation of the distribution of light at the image point with the aid of geometrical objects. Indications for the practical use of the method are given.

Card : 1/1

LANGER, V.

Calculation of the economic efficiency of outlays for the technological preparation of serial and mass production. p. 62.
(Metalurgia Si Constructia De Masini, Vol. 9, No.1, Jan. 1957, Bucuresti,
Rumania)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 8, Aug 1957. Uncl.

CZECHOSLOVAKIA/Optics - Instruments for Optical Analysis.

K

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4722

Author : Langer, V.

Inst :

Title : On the Question of Measuring the Spectral Transmission Curve of Filters.

Orig Pub : Jemna mech. a opt., 1958, 3, No 3, 28

Abstract : A method is proposed for measuring the spectral transmission of optical filters, making it possible to obtain by means of simple measuring device great accuracy, particularly when measuring small transmissions.

Card 1/1

CZECHOSLOVAKIA/Chemical Technology. Chemical Production. Industrial Application. Electrochemical Industries. Electroplating. Galvanic Cells.

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 82306

Author : Langer V.

Inst

Title : An Apparatus for the Electrolytical Polishing of Metallographical Sections

Orig Pub : Jemna mech. a opt., 1958, 3, No 5, 170

Abstract : Description of an apparatus employed for polishing of 1-2.5 cm² size sections (12 V potencial, 5A current, and up to 40 sec. polishing time). Cathode - Pt or stainless steel. During the polishing operation the electrolyte is circulated in the vessel. -- M. Mc.'nikova

Card : 1/1

Langer, V. E.

Country : CZECHOSLOVAKIA H-23
Category : Chemical Technology. Chemical Processing of
Natural Gases and Petroleum. Motor and Rocket*
Abs. Jour : Ref Zhur-Khimiya, No 14, 1959, No 51154

Author : Langer, V. E.
Institute :
Title : Polytetrafluorethylene as a Solid Lubricant
for Bearings

Orig Pub. : Jemna mech. a opt., 1958, 3, No 10, 351-352

Abstract : Physical and chemical properties of polytetra-
fluorethylene (I), responsible for its appli-
cation as solid lubricants (L) for bearings (B)
are described. Described is the method of in-
troducing a layer of I on the surface of B
from a water 6% emulsion, with subsequent
thermal treatment at 350°. Beneficial effect
of the pre-phosphating of metal is indicated.

* Fuels. Lubricants
Card: 1/2

H23

LANGER, V.

New methods for fast oscillograms. p. 384

JEDNA MECHANIKA A OPTIKA (Ministerstvo průmyslového strojírenství a Ústav pro výzkum optiky a jemné mechaniky) Praha, Czechoslovakia Vol. 3, no. 11, Nov. 1956

Monthly List of East European accession, (EMAI), LC, Vol. 1, No. 12, Dec. 1952
Uncl.

CZECHOSLOVAKIA/Optics.

K-

Abs Jour : Ref Zhur Fizika, No 3, 1960, 7117

Author : Langer, V., Koluch, J.

Inst :

Title : Optical Pyrometer with Infrared Image Converter

Orig Pub : Jemna mech. a opt., 1959, 4, No 7, 220-225

Abstract : The authors indicate the possibility of using an infrared image converter for visual pyrometry at comparatively low temperatures. The described infrared pyrometer operates on the principle of a filament pyrometer with a lower limit of temperature indication of 350° C. In the theoretical part is given the basis for calculating the operating range of the pyrometer, including calculation of the measurement errors, resulting from the properties of the image converter employed.

Card 1/1

LANGER, V.

Present state of oscillographic techniques. p. 203

ELEKTROTECHNICKY OBZOR. (Ministerstvo tezkeho strojirenstvi a Ceskoslovenske vedecka technicka spolecnost pro elektrotechniku pri Ceskoslovenska akademii ved) Praha, Czechoslovakia. Vol. 48, No. 4, Apr. 1959

Monthly List of East European Accessions (EEAI), LV, Vol. 8, No. 7, July 1959
Uncl.

20522

9,4145 (also 2804)

Z/030/61/000/001/001/004
A121/A026

AUTHOR: Langer, Vojtěch, Engineer

TITLE: Elimination of the Influence of Different Illumination of Photocells
on Color Temperature Measurements

PERIODICAL: Jemná Mechanika a Optika, 1961, No. 1, pp. 6 - 7

TEXT: The article deals with a method for measuring color temperatures by means of photocells. The uniformity of the intensity relation of two partial spectra taken from the visible part of the spectrum permits a conclusion on the equality of the two sources' color temperature. A precise measurement requires the illumination of both photocells by part of the same photo-current. Such apparatus use semi-permeable mirrors inclined by 45° to the incidence of rays, separating by reflexion and permeability the incident light flux into two equal parts and illuminating the first or the second photocell. Simple orientation apparatus do not contain these functional elements and become illuminated by different light fluxes; in most cases a simultaneous illumination of both photocells is not possible. Relatively precise results may also be obtained using simple apparatuses according to the method described below. At a ray incident with a color tempera-

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Z/030/61/000/001/001/004 J
A121/A026

Elimination of the Influence of Different Illumination of Photocells on Color Temperature Measurements

ture of $T_0^{\circ}\text{K}$ simultaneously illuminating the photocells with the blue and red filter, the relation of the unbalanced photocell currents is p_0 . Changing the illumination to a photocell observing the color temperature $T^{\circ}\text{K}$, the relation of photo-currents will change to p_1 , obtained by multiplication of p_0 with the coefficient q expressing the change of illumination. Thus $p_1 = p_0 \cdot q$ (measured temperature T_1). Turning the measuring device and changing the radiation incident from the blue filter to the red one and vice-versa, the relation of photo currents changes to p_2 , obtained by division of p_0 by the coefficient q ; thus $p_2 = \frac{p_0}{q}$ (measured temperature T_2). The dependence of p on the color temperature T of the measuring device is given by the function $p = g(T)$, and the real color temperature T is measurable by the measured values T_1 and T_2 . Establishing the values of the relations p_1 and p_2 corresponding to the values T_1 and T_2 the abscissa, corresponding to the relation p_0 of the real color temperature, will end in the center of the interval $2\Delta = p_1 - p_2$. The real value T_0 may be read off on the ordinate belonging to the abscissa of p_0 . In case of two existing wave lengths of the relation $p = f(T)$ in the black body spectrum and in case that the relation of unbalanced photo-currents is expressed by the function $p' = Kf(T)$ [$K > 0$], the real

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Z/030/61/000/001/001/004
A121/A026

Elimination of the Influence of Different Illumination of Photocells on Color
Temperature Measurements

color temperature T_o is determined with the error ΔT by the arithmetic mean T_p of the measured values T_1 and T_2 . $T_p = \frac{T_1 + T_2}{2}$. The maximum permissible difference δT of measured values T_1 and T_2 ($\delta T = T_1 - T_2$) is given by the relation $\delta T = 2\sqrt{T_o} \cdot \Delta T$. Admitting the maximum error ΔT in determination of color temperature by

$$\frac{T_1 + T_2}{2}$$

and in case that the real color temperature is $T_o^0 K$, the difference of measured $T_1 + T_2$ should not exceed the value δT . Table 1 contains the computed values of δT related to the real color temperature T_o considering the error $\Delta T = 10, 20, 30^{\circ} K$. In case that the relative error is

$$m = \frac{\Delta T}{T_o}$$

$\delta T = 2T_o \sqrt{m}$. The orientation values of δT at a color temperature T_o and a relative error $m = 0.005, 0.01$ and 0.05 are listed in Table 2. In case of differences in color temperature not determined by eye the error can be avoided by repeated measurements in two positions according to a described method. Comparing the ob-

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Z/030/61/000/001/001/004
A121/A026

Elimination of the Influence of Different Illumination of Photocells on Color Temperature Measurements

tained color temperature with the original one and in case that the difference between the results obtained does not surmount the permissible sum of errors of the apparatus and the applied method, the measured value will be correct. Using an apparatus in which the photocells are radiated by different rays, the measuring results arising by different illumination may be avoided by a simple method. The color temperature T_1 has to be measured and the position of the apparatus shifted in such a way that the radiation incident to the first photocell falls to the second one, in which case T_2 has to be determined. Presupposing that the used apparatus function $p = g(T)$ is known, whereby p represents the relation of photo-currents at a temperature T , the real color temperature T_0 is determinable by the values T_1 and T_2 . There is 1 figure and 2 tables.

ASSOCIATION: ÚVÖJMPřerov (Central Research Institute of Optics and Precision Mechanics, Prerov)

SUBMITTED: March 3, 1960

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20522

Z/030/61/000/001/001/004
A121/A026

Elimination of the Influence of Different Illumination of Photocells on Color
 Temperature Measurements

Table 1: Computed values of δT related to T_0

| ① T_0 [°K] | δT | | |
|--------------|--------------------|--------------------|--------------------|
| | $\Delta T = 10$ °K | $\Delta T = 20$ °K | $\Delta T = 30$ °K |
| 2000 | 282 | 400 | 488 |
| 2500 | 316 | 446 | 548 |
| 3000 | 346 | 488 | 600 |
| 3500 | 374 | 528 | 648 |
| 4000 | 400 | 564 | 692 |
| 4500 | 424 | 600 | 734 |
| 5000 | 446 | 632 | 772 |
| 5500 | 468 | 662 | 810 |

Table 2: Orientation values of δT at T_0

| ② T_0 [°K] | δT | | |
|--------------|-------------|------------|------------|
| | $m = 0,005$ | $m = 0,01$ | $m = 0,05$ |
| 2000 | 282 | 400 | 893 |
| 2500 | 353 | 500 | 1116 |
| 3000 | 424 | 600 | 1339 |
| 3500 | 494 | 700 | 1561 |
| 4000 | 565 | 800 | 1786 |
| 4500 | 635 | 900 | 2008 |
| 5000 | 705 | 1000 | 2230 |
| 5500 | 776 | 1100 | 2455 |

Card 5/5

LANGER, V.E., inz.

A method of applying a layer of hard metals. Jemna mech opt 5 no.9:286
S '60.

LANGER, V.E., inz. (Praha)

Automation of slide and film projection. Jemna mech opt 6
no.3:69-72 Mr '61.

LANGER, Vojtech, inz.

Elimination of the effect of different illumination of photocells
in color temperature measurement. Jemna mech opt 6 no.1:6-7
Ja. '61.

1. Ustav pro vyzkum optiky a jemne mechaniky, Přerov.

LANGER, V.E., inz. (Praha)

Fiber optics. Jemna mech opt 7 no.2:53-54 F '62.

LANGER, V., inz.

The optical measurements with gauge mark projection. Jemna
mech opt 8 no.1:3-6 Ja 863.

1. Ustav pro vyzkum optiky a jemne mechaniky, Přerov.

LANGER, V., inz.

Lighting nomograms. Jemna mechanika no.10:Supplement:
Na pomoc technickym pracovnikum 20-23.0 '63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

LANGER, V., inz.

Some problems of automation in color enlarging. Jemna mech.
opt 8 no.11:358-360 N'63.

1. Ustav pro vyzkum optiky a jemne mechaniky, Prerov.

L 10487-66 EWT(1) IJP(c) MM/GG

ACC NR: AP6003536.

44, 55

SOURCE CODE: CZ/0030/65/000/001/0003/0004

45

AUTHOR: Langer, V. (Engineer)

ORG: UVOJM, Prague

TITLE: Rays and the density of light

SOURCE: Jezna mechanika a optika, no.1, 1965, 3-4

TOPIC TAGS: light radiation, optic system, geometric optics, optic method

ABSTRACT: A method is proposed for characterizing the intersection point of any tangential ray with a selected plane after transition through an optical system by means of the density of the light relative to the elementary surface containing the point of intersection and the given object point. Relations are derived for the distribution of the density of light in the meridional section of the object point, even of an extra-axial one, and for determination of the distribution of the light in rays by means of geometrical optics. Orig. art. has: 2 figures and 18 formulas.
[JPRS]

SUB CODE: 20 / SUBM DATE: 19Oct64

BC
Card 1/1

UDC: 535.241.43

L 34224-66 EWP(e) WH

ACC NR: AP6026075

SOURCE CODE: CZ/0034/65/000/012/0906/0906

27

B

INVENTOR: Kasar, J. (Engineer); Langer, Z.

ORG: none

TITLE: Plastic refractory material suitable for protection of covers of electric induction furnaces. Class 18b, No PV 1826-65

SOURCE: Hutnicka listy, no. 12, 1965, 906

TOPIC TAGS: refractory product, plastic, electric inductance, metallurgic furnace

ABSTRACT: The article is an abstract of Authors' Patent Application No Class 18b, 5/32, PV 1826-65, dated 20 March 65. The material is prepared by mixing 92% of refractory material FHS with 6% of clay and 2% of sulfite, and has the following composition after firing: SiO_2 48.25%, Al_2O_3 37.52%, Fe_2O_3 1.82%, TiO_2 0.91%, CaO 1.23%, MgO 0.52%. The clay after firing has a composition of: SiO_2 50.87%, Al_2O_3 33.63%, Fe_2O_3 1.53%, TiO_2 0.89%, CaO 0.48%, MgO 0.26%. The mixture is mixed in a ball mill and wetted with water if necessary. It is rammed into position in the furnace cover and left to set. The refractory resists vibrations that occur during the melting of the charge. Orig. art. has 1 figure. [JPRS: 34,272]

SUB CODE: 11, 13, 09 / SUBM DATE: none

Card 1/1 85

0010

1103

LANGER-KUZ'NYAROVA, A.; LAZARENKO, Ye.K.; FENOSHINA, U.I.

Mineralogy of the Orlovian glauconitite of Tluscz. Min. zbor. no.
17:170-176 '63. (MIRA 17:11)

1. Geologicheskiy institut, Varshava i Gosudarstvennyy universitet
imeni Franko, Lvov.

LAI GERMAN, R.I.

Result of the treatment of amputation pain with short wave ultraviolet rays. Klin. med., Moskva 30 no.2:79-80 Feb 1952. (JML 22:1)

1. Of the Department of Physiotherapy (Head -- Docent L. N. Klyachkin), Kazan' Institute for the Advanced Training of Physicians imeni V. I. Lenin (Director -- Docent D. Ye. Potekhin).

DMITRENKO, G.S. [Dmytrenko, H.S.]; LANGERMAN, Ye.U. [Lenherman, IU.U.]

Remodeled densitometer for hot disodium phosphate solutions. Khim.
prom. [Ukr.] no.2:77-78 Ap-Je '65.

(MIRA 18:6)

RAKOVIC, M.; TALPOVA, H.; LANGEROVA, I.

Determination of potassium in biological material with the
neutron activation analysis method. Cas. lek. cesk. 104 no.11:
297-303 19 Mr'65.

1. Katedra lekarske fyziky a nuklearni mediciny fakulty vseobec-
neho lekarstvi Karlovy University, Praha (vedouci doc. dr.
Z. Dienstbier, CSc.).

LANGEROVÁ, J.

New safety measures in foreign aeronautics. p. 183. (Křídla Vlasti, No. 6, Mar 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

LANGEROVÁ, M.

Studies on spirochetal diseases of human genitalia. Česk derm.
27 no.5-7:203-214 Aug 1952. (CIML 23:2)

1. Of the Department of Protozoology and Parasitology of the Faculty
of Natural Sciences of Charles University in Prague (Head--Prof. O.
Jírovec, M.D.) and of the Second Dermatological Clinic (Head--Prof.
K. Hubschmann, M.D.) of Charles University, Prague.

HUBSCHMANN, Karel, Prof. MUDr; LANGEROVA, Miloslava, RNDr; LANGER,
Jiri, MUDr

Essay with determination of a complex microbial picture of the
skin. Cesk. derm. 29 no.2:103-109 Ap '54.
(SKIN, bacteriology.)

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EXCERPTA MEDICA Sec 15 Vol. 10/8 Chest Diseases Aug 57

2051. LANGEROVÁ M., MORÁVKOVÁ J., NOVÁK O., PLOŠKOVÁ T. and ZAVADIL
LÖVA Z. Výzkumný Ustav Tuberk., Praha. *Rychly průkaz Myco tbc na
tkáňových a tekutých Sulových pládach. Quick demonstration of
M. tuberculosis on tissue medium and Šula's liquid me-
dium ROZHL. TUBERK. 1956, 16/4(181-184) Tables 3 Illus. 3

In the laboratories of the Institute for Investigation of Tuberculosis in Prague the sensitivity of tissue medium of Kalina was practically assayed. The liquid medium of Šula was used as comparative medium. 132 samples were examined on 296 tissue media and 181 Šula's control media. It was shown that the medium of Šula is more sensitive and the growth potentials are more distinct. The cost of tissue medium is 10 times higher than that of Löwenstein and 100 times than that of Šula.

Vojtek - Šumperk (XV, 4*)

CZECHOSLOVAKIA/Microbiology - Microbes Pathogenic for Man and
Animals. Bacteria. Mycobacteria.

F

Abs Jour : Ref Zbir Biol., No 22, 1958, 99519

Author : Langerova, M., Meislova, M., Zavadilova, Z., Soukupova,
T.

Inst : -

Title : Immunizing Action of DCG and of the M-Vaccine Upon the
Course of Experimental Tuberculosis in White Mice.

Orig Pub : Rozhl. tuberk. a nemozech plichich, 1957, 17, No 4, 318-
321

Abstract : BCG vaccine or M-vaccine was injected into the caudal
vein in mice; the mice were infected within 4 weeks
with a culture of the strain B²¹⁷ adapted for mice.
All the experimental animals were killed within 4 weeks
and the average weight of their organs was determined.
The average weight of the lungs of the infected mice
was 1 g; that of the immunized and then infected ones

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CZECHOSLOVAKIA/Microbiology - Microbes Pathogenic for Man and Animals. Bacteria. Mycobacteria. F

Abs Jour : Ref Zhur Biol., No 22, 1958, 99519

was 0.5 g. The results of the experiment demonstrated the protective action of the vaccination upon the condition of the lungs of mice subjected to infection, since the weight of that organ in the vaccinated and then infected mice proved to be significantly smaller than in mice infected but not submitted to vaccination. The determination of the weight of the spleen in the experimental animals confirmed this deduction. It is the opinion of the authors that the protective action of both vaccines is identical. -- L.M. Model'

Card 2/2

- 106 -

LANGEROVÁ, M.; ZAVADILOVÁ, Z.; SOUKUPOVÁ, T.

Results of bacteriological studies on postmortem material from pulmonary tuberculosis, & a suggestion for hygienic measures for protection of autopsy room personnel. Cas. lek. česk. 98 no.24:746-748
12 June 59.

1. Vyzkumný ústav tuberkulozy v Praze, reditel doc. dr. R. Krivinka
M. L. Praha 12, Šrobárova 48.

(TUBERCULOSIS, PULMONARY, pathol.

bacteriol. of postmortem material, hyg. measures for
protection of autopsy room personnel (Cz))

(AUTOPSY

hyg. measures for protection of autopsy room personnel
from postmortem tuberc. material (Cz))

LANGEROVÁ, M.

[Microbiological diagnosis of tuberculosis in Czechoslovakia]
Mikrobiologicheskaya diagnostika tuberkuleza v Chechchoslovakii.
Prague, 1961. 20, 14 p. (MIRA 14:12)

1. Prague. Výzkumný ustav tuberkulózy.
(CZECHOSLOVAKIA--TUBERCULOSIS)

KOMPLEX
BUREAU, GIRON METRO

3

Country: Czechoslovakia

Academic Degrees:

Affiliation: Tuberculosis Research Institute (Vyzkumny ustav tuberkulicu), Prague. Director: docent Dr. R. [Reinhard] KELIVEK.

Source: Prague, Nezidovy 11, Vlachovice a v Nemocich Blatnick, No 5, May 61, no 304-350

Data: "Comparative of New Media for the Culture of Mycobacteria."

Co-author:

ZAVDICKA, Z.,¹ Tuberculosis Research Institute (above), Prague

GPO 9816-3

CZECHOSLOVAKIA

LANGEROVA, M

Research Institute of Tuberculosis (Vyzkumny ustav tuberkulozy), Prague

Prague, Rokhledy v tuberkulose, No 3, 1963, pp 181-191

"The Microbiological Diagnosis of Tuberculosis in Bohemia and Moravia in 1960-1961."

LANGEROVA, M.

5

CZECHOSLOVAKIA

JANCIK, E; HEJNY, J; KUBALA, E; LANGEROVA, M; SULA, L;
TOMAN, K.

Prague, Rozhledy v tuberkulose, No 4, 1963, pp 217-218

"The Present State and Perspectives of Microbiological
Diagnosis."

Jucov

CZECHOSLOVAKIA

LANGEROVÁ, M; STYBLO, K.

Research Institute of Tuberculosis (Vyzkumný ustav tuberkulózy), Prague (for both)

Prague, Rozhledy v tuberkulóze, No 5, 1963, pp 306-315

"The Laboratory Diagnosis of Drug Resistance of Mycobacteria and its Significance for the Clinician."

LANGEROVÁ, N. (Chekhoslovakiya)

Microbiological diagnosis of tuberculosis in Czechoslovakia.
Probl. tub. no. 7:93-98 '61. (MIRA 14:12)

(CZECHOSLOVAKIA--TUBERCULOSIS--DIAGNOSIS)

LANGEROWA, Hanna (Warszawa, ul. Dzialdowska 1/3)

Suppurative menigitis caused by Proteus. Pediat. polska 33 no.6:
708-709 June 58.

I. Z Kliniki Terapii Chorob Dziecięcych A.M. w Warszawie. Kierownik:
prof. dr med. H. Brokman.

(PROTEUS INFECTIONS, in inf. & child.
meningitis, suppurative (Pol))
(MENINGITIS, in inf. & child
suppurative, caused by Proteus (Pol))

GIETKO, M.; GUTKOWSKA, J.; LANGEROWA, H.

Clinical value of the determination of anti-staphylococcal lysins in staphylococcal infections in children. Pediat. polska 35 no.4: 385-394 Ap '60.

1. Z Kliniki Terapii Chorob Dzieci A.M. w Warszawie, Kierownik:
prof. dr med. H. Brokman.
(STAPHYLOCOCCAL INFECTIONS diag.)

GIETKO, M.; GUTKOWSKA, J.; LANGEROWA, H.

On the problem of the diagnosis of staphylococcal pneumonias and pleurisy. Pediat. polska 35 no.8:877-880 Ag '60.

1. Z Kliniki Terapii Chorob Dzieci A.M. w Warszawie Kierownik:
prof. dr med. H.Brokman
(STAPHYLOCOCCAL INFECTIONS diag)
(PLEURISY diag)
(PNEUMONIA diag)

LANGERT, B.A. [Lanhert, B.A.], stavyshiy nauchnyy sotrudnik

Flux for the cold welding of cast iron parts. Mekh. sil'. hosp. 11
no.9:5-6 S '60. (MIRA 13:9)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii i
elektrifikatsii sel'skogo khozyaystva.
(Cold welding)

LANGERT, B.A. [Lanhert, B.A.], starshiy nauchnyy sotrudnik

Building up cultivator shares with sormite l. Mekh. sil'.
hosp. ll no.10:14-15 0 '60. (MIRA 13:9)

l. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii
i elektrifikatsii sel'skogo khozyaystva.
(Cultivators--Maintenance and repair) (Sormite)

LANGERT, B. A. [Lanhert, B. A.], starshiy nauchnyy sotrudnik

Method for reconditioning cylinder heads. Mekh. sili'. hosp.
14 no.2:14-18 F '63. (MIRA 16:4)

1. Ukrainskiy filial Gosudarstvennogo vsesoyuznogo nauchno-
issledovatel'skogo tekhnologicheskogo instituta remonta i
ekspluatatsii mashinno-traktornogo parka.

(Tractors--Maintenance and repair)

LANGERT, B.O. [Lanhert, B.O.], starshiy nauchnyy sotrudnik

Restoration of machinery parts by building them up by the
weaving arc method. Mekh. sil'. hosp. 12 no.9:7-10 S '61.
(MIRA 14:11)

1. Ukrainskiy nauchno-issledovatel'skiy institut mekhanizatsii
i elektrifikatsii sel'skogo khozyaystva.
(Agricultural machinery--Maintenance and repair)

LANGFANG, A.
USSR/Miscellaneous - Radio programs

Card 1/1 : Pub. 89 - 2/26

Authors : Langfang, A., Acting Head of the Central Radio-Information Office of the Ministry of Culture of the USSR

Title : Achievements and defects in radio propaganda work in the field of agriculture

Periodical : Radio 12, 3-4, Dec 1954

Abstract : A typical farm radio-broadcasting program is outlined and discussed. It was felt, however, that programs of this type are hampered by the slow tempo of radiofication and lack of radio installations in many Kolkhozes and Sovkhozes, particularly in new settlements in the Kazakhstan and Altai regions.

Institution :

Submitted :

LANGFANG, A.

USSR/ Electronics - Radio broadcasting

Card 1/1 Pub. 89 - 3/24

Authors : Langfang, A.

Title : Soviet radio broadcasting

Periodical : Radio 5, 8 - 9, May 1955

Abstract : Report is given by the assistant chief of the main Radio Information Office of the Ministry of Education, USSR on the cultural achievement of the Soviet broadcasting system during the past 3 decades.

Institution :

Submitted :

S/081/62/000/015/021/038
B168/B101

AUTHOR: Langfelder, J.

TITLE: Moisture absorptivity of plasticized emulsion and suspension polyvinyl chloride

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 15, 1962, 540, abstract 15P61 (Bull. VUKI, v. 14, no. 5, 1961, 235-342)

TEXT: The values of the electrical properties of plasticized emulsion and suspension PVC following absorption of moisture were compared. It was established that in the case of emulsion PVC under the action of moisture the dielectric constant rises and the breakdown voltage falls, whereas in that of suspension PVC the deterioration of electrical insulating properties is insignificant. It was shown that emulsion PVC is unsuitable for the insulation of cables and conductors exposed to moisture. [Abstracter's note: Complete translation.] ✓

Card 1/1

LANGFELDER, L.

"Automatic concrete mixers. p. 110"

STAVBA. (Povolenictvo stavebnictva) Bratislava, Czechoslovakia, Vol. 6, No. 4
Apr. 1959

Monthly List of East European Accessions (EEAI), LC, Vol. 8, No. 6 June 1959
Uncl.

SZABO, Bendeguz; BORBAS, Nandor; RASZTOCZKY, Erno; LANGFFY, Kazmer; SCHROFF, Antal; VERES, Lajos.

The November 12, 1963 session arranged by the Committee of Factory Energeticists. Ipari energia 4 no.12:279 D'63.

1. KGMTI (for Rasztoczky).
2. Kobanyi Gyogyszeergyár (for Langffy).
3. Rezhengermuvek (for Schroff).
4. Magyar Posztogyar.

LANGH, Istvan (Budapest); VAGI, Janos (Budapest)

Forum of innovators. Ujít lap 15 no.20:30 25.0. '63.

DALLENDORFER, R.; LANGHAMMER, L.

Method for an accelerated determination of the granular structure of
ceramic raw materials. Epitoanyag 12 no.7:251-253 Jl '60.

LANGHAMMER, Rudolf, promovany matematik

Preparation of problems to be solved on automatic computers.
Doprava no.3:92-94 '62.

PETROVSKY, F., dr.; LANGHAMMER, R., promovany matematik; KOCKOVA, M.
promovany pedagog

A new form of automobile freight transportation dispatching.
Doprava no.8:260-263 '62.

LANGHAMMER, Rudolf, promovany matematik

Operational programing. Doprava no.8:281-283 '62.

PETROVSKY, Frantisek, dr.; LANGHAMMER, Rudolf, promovany matematik;
KOCKOVA, Marta, promovany pedagog.

A new dispatching system in automobile freight transportation.
Part 2. Doprava no. 12:403-407 '62.

PETROVSKY, Frantisek, dr.; LANGHAMMER, Rudolf, prom.mat.; KOCKOVA, Marie,
prom.ped.

Improving and making the dispatching operations easier in the
automobile freight transportation. Siln doprava 11 no.3:20-21
Mr '63.

PETROVSKY, Frantisek, dr.; LANGHAMMER, Rudolf, matematikus,
foprogramozo; KOCKOVA, Marta, tudomanyos munkatars

New methods for dispatching motor trucks. Kozleked
kozl 19 no. 30: 535-546 28 Jl '63.

1. Kozlekedesi Kutato Intezet osztalyvezetohelyettese,
Praga (for Petrovsky).
2. Kozlekedesi Szamitas-technikai Laboratorium, Praga
(for Langhammer and Kockova).

PETROVSKY, Frantisek, dr.; LANGHAMMER, Rudolf, promovany matematik; KOCKOVA,
Marta, promovany pedagog

New form of dispatching control of automobile freight traffic.
Doprava 7 no.1:56-61 '65.

CAPEK, M., ins. arch.; KRATKY, F.; RICER, M., ins.; HUALL, R.; LAMBERT, M.,
S.

Assembled skeleton structure, Pozemna stavby in n.v.:Suppl.
II, kurs nové techniky a ekonomiky, Pt.15:369-386 '65.

SWIERCZYNsKA, Zdzislawa; LANGHEINING, Czeslawa; EINLEGER, Franciszek

Normal antibodies against chorionic gonadotropins. Acta physiol.
polon. 11 no.3:451-455 My-Je '60.

1. Z Zakladu Mikrobiologii Slaskiej A.M. w Zabru-Rokitnicy
p.o. Kierownika: dr K.Wicher
(CONADOTROPINS CHORIONIC)
(ANTIBODIES)

LACHOWICZ, Maria; LANGHENING, Czeslawa

Staphylococcal phage types in disease and carriage of bacteria.
Med. dosw. mikrob. 14 no.1:11-15 '62.

1. Z Zakladu Mikrobiologii Sl. AM Kierownik: prof. dr J. Szaflarski.
(STAPHYLOCOCCUS) (BACTERIOPHAGE)

LIAUGHHRINING, C.

- (31)
1. "Early Diagnosis of Multiple Sclerosis," by M. Majolech [LITERATURA] of the Psychotherapy Branch (Central Neurological Institute) at Lublin (Director: Prof. Z. BULIGOWSKI, MD); pp 177-178 (Polish summary).
 2. "Action of Aspirinoids in Habitual obstruction," by C. LUDVICKO, Dr. WOJciech, and A. D. T. D. TURKIEWICZ, C. LUDVICKO (Internal Director), Dr. TURKIEWICZ (Chief Medical Examiner) at Lublin (Director: Dr. K. GILAKI) and of the Morbidity Research Office (Lublin, Akademia Medyczna); Prof. Dr. K. GILAKI, Akademia Medyczna); Research Academy (Szkoła Akademii Medycznej); Research Institute (Instytut Dr. Legionera, Lublin-Poznań (Director: Prof. Dr. Legioner, Lublin-Poznań); Prof. J. SZMAREK); pp 178-182. (Polish summary).
 3. "Protein Treatment," Anna MORICKA and Aleksander TEPŁIKOWSKI of the Children's Clinic of Obstetrics and Fetal Medicine of the Lublin Polyclinic (Director: Prof. Dr. Włodzimierz J. Bielecki) at Lublin (Director: Prof. Dr. Włodzimierz J. Bielecki); and of the Walentowicz Specialized Hospital (Director: Prof. Dr. Stefan Walentowicz); Prof. Dr. S. WALENTOWICZ (Walentowicz Psychiatric Hospital); Prof. Dr. Bolesław KLEINER (Psychiatry Adult Dr. Bolesław Kleinert) at Lublin (Director: Prof. Dr. Bolesław Kleinert); pp 182-188. (Polish summary).
 4. "Most Frequent Errors in Clinical Diagnosis Resulting from Wrong Interpretation of the Clinical Findings of Obstetrics and Gynecological Diseases," by Dr. K. WOZNIAK; pp 188-190. (Polish summary).
 5. "Importance of Major Diagnoses with the Schiller Method," by Józef RUCZECKI, Leszek WILSKI, and Zbigniew OLEŚNICKI of the Lublin Clinic of the Diseases of the Uterus (Lublin, Klinik Chorób Wewnętrznych); Prof. Dr. J. MEDOWSKI (Director); pp 190-191. (Polish summary).
 6. "Particular Action of Preparation P 139 (Trovate)," by Rafał KOT, Andrzej MAŁOLECKI, and Leopold KEPKA (Obstetrics and Internal Diseases of the Second Clinic of Obstetrics and Gynecology at Lublin (Director: Prof. Dr. Leopold Kepka); pp 192-193. (Polish summary).

LACHOWICZ, Maria; LANGHEINIG, Czeslawa

Determination of serological and bacteriophage types and of antibiotic resistance of Staphylococci isolated from patients and carriers. Pol. tyg. lek. 17 no.31:1216-1218 30 Jl '62.

1. Z Zakladu Mikrobiologii Sl. AM. kierownik: prof. dr mgr. inz. Jerzy Szaflarski.

(STAPHYLOCOCCUS) (BACTERIOPHAGE TYPING)
(DRUG RESISTANCE MICROBIAL) (ANTIBIOTICS)

LANGHEINIG, Czeslawa

A trial of developing a simple technique of titrating diphtheria toxin on cultures of embryonic guinea pig cells with the "plaque" technique. Arch. immun. ther. exp. 13 no. 2:161-171 '65

1. Department of Microbiology, Silesian School of Medicine,
Zabrze.

IVANOF, A.; SERBAN, D.; BARNA, B.; TOLAN, L.; SIGHETI, I.; TECSA, D.; LANGHEL, I.

Study of the efficiency of vaccine and anatoxin preventive vaccination
in staphylococcal infections. Microbiologia (Bucur) 6 no.1:66 Ja-F '61.

1. Institutul de igiena Cluj (for Ivanof, Serban). 2. Casa copilului
Cluj (for Barna, Tolan, Sigheti, Tecsa). 3. Sanepidul regional Cluj
(for Lenghel).

*

LANGIER-KUZNIAROWA, Anna

The effect of stabilizers on the clay substance in the granulometric analysis. Kwartalnik geol 5 no.1:123-173 '61.

1. Zaklad Petrografii i Geochemii Instytutu Geologicznego w Warszawie.

LANGIER-KUZNIAROWA, Anna

Petrographic elaboration of the Silurian deposits in the Zebrak borehole. Kwartalnik geol 6 no.2:393-394 '62.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny, Warszawa.

LANGIER-KUZNIAROWA, Anna

Results of petrographic research on Silurian graptolite schists.
Kwartalnik geol 6 no.2:394-395 '62.

1. Zaklad Mineralogii i Petrografii, Instytut Geologiczny, Warszawa.

LANGIN, A.

PA 164T97

USSR/Radio - Receivers, Battery
Vacuum Tubes

Aug 50

"Riga B-912 Battery Radio," A. Langin

"Radio" No 8, pp 18-19

Describes, with schematic diagram, a two-tube, cheap and economical battery radio, the Riga B-912, for nonelectrified rural districts. Uses miniature tubes 1K1P and 2P1P and sensitive dynamic loud-speaker, long-wave band 150-415, medium-wave band 520-1,500 kc. Reliable reception from local stations with room antenna.

164T97

Langin, A.

107-58-5-11/32

AUTHOR:

Langin, A.

TITLE:

Radio Receiver "Festival" (Radioveshchatel'nyy priyemnik
"Festival")

PERIODICAL:

Radio, 1958, Nr 5, pp 17-21 (USSR)

ABSTRACT:

The Rizhskiy radiozavod imeni A.S. Popova (Riga Radio Plant imeni A.S. Popov) started the production of the new 12-tube superheterodyne receiver "Festival" which belongs in the highest Soviet quality class. The receiver contains the following tubes: 3 "6K4P", 3 "6P14P", 2 "6N2P", 1 "6N3P", 1 "6IL1P", 1 "6Kh2P". There is one long wave, one medium wave, one ultrashort wave and four short wave ranges. The wave ranges are switched by a keyboard commutator. The radio may be operated by a remote control panel which is connected with the receiver by an 18-wire cable and has a dial for tuning to stations in the long and medium wave ranges with the corresponding commutators. The ultrashort wave part has frequency modulation. Two loudspeakers, one "6GD1" and one "1GD1", are mounted on the front panel; on either side there is one "4GD2" loudspeaker. The nominal output is 4 va; the medium sound pressure is 20 bar. Sound frequencies are reproduced in the range from 60 to 12,000 cycles. The sensitivity of the receiver's amplitude-modulated input is 0.5 - 0.6 microvolt; the sensitivity of the

APPROVED FOR RELEASE: 06/20/2000 CIA-RDP86-00513R000928520015-9
Card 1/2

Radio Receiver "Festival"

107-58-5-11/32

frequency-modulated part is 4 microvolt. The receiver is enclosed in a wooden cabinet, 660 x 424 x 311 mm and weighs 24.5 kg. The receiver has an outlet for tape recording, for additional loudspeakers and its low-frequency amplifier may be used for playing records. The power consumption is 100 watts ac. For ultrashort wave reception an exterior antenna with 75 and 300 ohm impedance may be used. Figure 2 shows the circuit diagram of the receiver. Individual parts of the "Festival" radio will be described in "Radio", Nr 6, 1958. There are 4 figures.

AVAILABLE: Library of Congress

Card 1/1

AUTHOR: Langin, A. 107-58-6-25/58

TITLE: Radio Receiver "Festival'"(Radioveshchatel'nyy priyemnik
"Festival'")

PERIODICAL: Radio, 1958, Nr 6, pp 19-20 (USSR)

ABSTRACT: The article contains a description of the coils used in the oscillatory circuits of the "Festival'" receiver. There are two sketches, one diagram and two tables.

Card 1/1 1. Radio receivers-Coils

LANGIN, I.I.

COUNTRY : POLAND
CATEGORY : Chemical Technology. Chemical Products and
Their Applications. Food Industry.
ANN. JOUR. : RZEMIAK, NO. 19, 1959, NO. 6371

REF ID : PL-100-100
TITLE : New Technology for Preparation of Synthetic
Fats

CRP. PUB. : Przem. s. ekspozy. 1959, 17, No 19-17, 538-103

ABSTRACT : The article is concerned with the method of preparing a process for synthesis of the formation of polyunsaturated fatty acids. It is made by the combination of two methods: the synthesis of polyunsaturated fatty acids by the irradiation with infrared rays, followed by the combination with irradiated ones. Information pertaining to the preparation of the "emulsion" solution, conditions and results of the preparation, the infrared treatment of the mixture, the reduction of the mixture, the separation of oil, the separation of water, and application of the mixture in the synthesis of the nitrobenzene derivative in the field of organic synthesis is given. The article also describes the synthesis of a stereoreactive product and the absence of a stereoreactive

KEY: U7

SUBJ DTG :
CARRIER DTG :

AUD. JOHN : RAPID, No. 10, 1969, -S, P36-1

AUTHOR :
FSTY. :
DTG :
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CONT. DTG. :

REMARKS : The letters are responsible to the service of S. American agents involved in N. America.

2000

4/2

100

LANGLEBEN, M. L.

LANGLEBEN, M. L.: Mechanization of labor-consuming and heavy work in underground repair of wells. Moskva, Gos. nauchno-tehn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1952. 174 p. (53-28128)

TN870 .6.L25

LANGLEBEN, M. L., (Engr)

"Equipment for the Mechanization of Lowering and Hoisting Operations in Drilling and Exploitation." Cand Tech Sci, Azerbaydzhан Industrial Inst imeni M. Azizbekov, 23 Feb 54. Dissertation (Bakinskiy Rabochiy Baku, 14 Feb 54)

SO: SUM 186, 19 Aug 1954

LANGLEBEN, M. M. (Moscow)

"Establishment of (Syntactical) Connections for Formulas in Russian Mathematic
Texts."

Theses- Conference on Machine Translations, 15-21 May 1958, Moscow.

LANGLEBEN, M. M. and PADUCHEVA, Ye. V. (Moscow)

"Elimination of Morphological and Syntactical Homonyms in the Analysis of English Text."
Theses - Conference on Machine Translations, 15-21 May 1958, Moscow.

TER-GRIGOR'YAN, A.I., inzh.; AVETISYAN, A.A., inzh.; GASAN-DZHALALOV, A.B., inzh.; GUKHMAN, M.I., inzh. [deceased]; DAVTYAN, S.Kh., inzh.; DADASHEV, B.B., kand.tekhn.nauk [deceased]; DANIYELIANTS, A.A., inzh.; DEDUSENKO, G.Ya., kand.tekhn.nauk; IOANESIAN, R.A., inzh.; KARASIK, T.Ye., inzh.; KULIEV, I.P., kand.tekhn.nauk; KULI-ZADE, K.N., kand.tekhn.nauk; LANGLEBEN, M.L., kand.tekhn.nauk; MADEIRA, R.S., inzh.[deceased]; MIKHAYLOV, V.R., inzh.; MURADOV, I.M., inzh.; POLYAKOV, Z.D., inzh.; PROTASOV, G.N., kand.tekhn.nauk; SAROYAN, A.Ye., kand.tekhn.nauk; SEID-RZA, M.K., kand.tekhn.nauk; TARANKOV, V.V., inzh.; FRIDMAN, M.Ya., inzh.; SHNEYDEROV, M.R., kand.tekhn.nauk; TAISHNIKOVA, Ye.A., kand.tekhn.nauk; SHTEIN-GEL', A.S., red.izd.-va

[Driller's handbook] Spravochnik burovogo mastera. Izd.2., ispr.
i dop. Baku, Azerbaidzhanskoe gos.izd-vo neft.i nauchno-tekhn.lit-ry,
1960. 783 p. (MIRA 13:5)
(Oil well drilling)

LANGLEBEN, Mikhail L'vovich; MURAV'YEV, M.V., nauchn. red.;
SHVETSOVA, E.M., ved. red.; YASHCHURZHINSKAYA, A.B.,
tekhn. red.

[Equipment and tools for the underground repair of oil
wells] Oborudovanie i instrumenty dlia podzemnogo re-
monta skvazhin. Leningrad, Gostoptekhizdat, 1963. 155 p.
(MIRA 17:2)

TROFIMOVA, Vera Mikhaylovna; LANGLEBEN, Mikhail Lvovich;
ABDULLAYEV, Yu.M.; MUSAYEVA, E., red.

[Practical guide for underground well repair crews] Prakticheskoe rukovodstvo dlia brigad podzemnogo remonta skvazhin.
Baku, Azerbaidzhanskoe gos.izd-vo, 1964. 81 p.

(MIRA 17:5)

LANGLEBEN, M.M.; PADUCHEVA, Ye.V.

Handling of words with homonymy of a part of speech in the
analysis of English texts. Soob. Otd.mekh.i avtom.inform.
rab. no.2:228-233 '61. (MIRA 15:2)
(Programming languages (Electronic computers))
(English language)

LANGLEBEN, M.M.

Syntactical analysis of prepositional groups in the English
language. Soob. Otd.mekh.i avtom.inform.rab. no.2:234-242
'61. (MIRA 15:2)
(Programming languages (Electronic computers))
(English language)

LANGLEBEN, M.M.; SHAMILINA, A.L.

Translating titles of chemical reports into the informational language. Soob. Otd.mekh.i avtom.inform.rab. no.2:74-88 '61.
(MIRA 15:2)
(Programming languages (Electronic computers)-~~Chemistry~~)

LANGLEBEN, M.M.

Establishment of syntactical relations for formulae in Russian
mathematical texts. Soob. Otd.mekh.i avtom.inform.rab. no.2:
150-155 '61. (MIRA 15:2)

(Programming languages (Electronic computers)--Mathematics)

L 08717-67 EWT(d)/EWT(m)/EWP(w)/EWP(v)/EWP(k) IJP(c) W/EM
ACC NR: AP6032394 SOURCE CODE: UR/0198/66/002/009/0071/0078

AUTHOR: Koyfman, Yu. I. (L'vov); Langleyben, A. Sh. (L'vov) 46
ORG: L'vov State University (L'vovskiy gosudarstvennyy universitet) B
TITLE: Large elastic deformations of a two-layer cylinder 26
SOURCE: Prikladnaya mekhanika, v. 2, no. 9, 1966, 71-78

TOPIC TAGS: elastic deformation, stress analysis, nonlinear material, compressible material, physical nonlinearity, geometric nonlinearity, nonlinear elasticity theory, cylindric shell structure, composite material

ABSTRACT: The stresses and strains in a composite hollow cylinder consisting of two cylinders of different materials soldered together over their contact surface are analyzed. The outer layer of the cylinder is made of a nonlinearly (or linearly) elastic material, the inner layer—of nonlinearly elastic material of lower rigidity; both materials are compressible. Continuous loads act on the inner and outer surfaces of the cylinder in the final (deformed) state. The elastic equilibrium of this cylinder is discussed by using the relationships of the plane, physically and geometrically nonlinear theory of elasticity. The resolving system of equations of this theory, describing the plane deformation and state of stress, is integrated

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ACC NR: AP6032394

by expanding the stress and displacement functions in powers of a small parameter. The following versions of the boundary problems concerning the final and initial (nondeformed) states are discussed for a cylinder under uniform normal pressures on both surfaces: A) The boundary and loading conditions are given for the final state; B) The boundary and loading conditions are given for the initial state; and C) the load acting in the final state is applied to the initial contour. Formulas for determining the stress components and the radial displacements are derived for all three cases, and these formulas are deduced for a non-composite (one-layer) cylinder. The behavior of a two-layer cylinder with the outer layer made of linearly elastic material and the inner layer from an incompressible material with an energy function in the Mooney form, is investigated as an example, assuming that the radii of the cylinders are given for the initial state. The dependence (determined by means of linear and nonlinear theories) of tangential and normal stresses, and of normal displacements on the elastic constants of both component layers is shown in diagrams, and the nonlinearity effect in the stress and strain distribution is discussed. Orig. art. has: 4 figures and 14 formulas.

SUB CODE: 20/ SUBM DATE: 02Feb66/ ORIG REF: 003/

Card 2/2 net

LANGMAIER, F.;~~LOKES, D.; SLOWACKOVA Z.~~

TECHNOLOGY

periodicals: KOZARSTVI Vol.8, no.5, July 1958

LANGMAIER, F. ;LOKES, D.;SLOWACKOVA Z. Simultaneous colorimetric determination of aluminum and chromium in leather. p.198.

Monthly List of East European Accessions (EMAI) LC Vol.8, no.5
May 1959, Unclass.

LANGMAIER, F.

| | | | |
|-----------|---|--|-------|
| Country | : | Czechoslovakia | H-35 |
| Category | : | | |
| Abs. Jour | : | | 41137 |
| Author | : | langmaier, F., Kokes, D., and Slovackova, Z. | |
| Institut. | : | Not given | |
| Title | : | A Colorimetric Method for the Determination of Aluminum and Chromium in Leather | |
| Orig Pub. | : | Kozarstvi, 8, No 7, 193-199 (1958) | |
| Abstract | : | No abstract. | |

Card: 1/1

H-317

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of E-3
Organic Substances.

Abs Jour: Ref Zhur-Khimiya, No 8, 1959, 27156.

Author : Mueck, E., Kokes, D., and Langmier, F.

Inst : Not given.

Title : The Chromatography of Sulfonated Condensation Products of Phenol with Formaldehyde. I. Paper Chromatography of Phenolsulfonic Acids.

Orig Pub: Chem Listy, 52, No 4, 745-748 (1958) (in Czech).

Abstract: o- and p-phenolsulfonic acids (I and II) have been resolved by descending paper chromatography on Whatmann No 3 paper, using the following mixtures: isopropyl alcohol-NH₄OH (2 : 1)(R [sic] 0.77 and 0.51, respectively) and isoamyl alcohol-C₂H₅OH-NH₄OH (5 : 3 : 2.5) (R_f 0.47 and 0.19). I and II are deposited on the paper in the form of alcoholic solu-

Card 1/2

CZECHOSLOVAKIA / Analytical Chemistry. Analysis of E-3
Organic Substances.

Abs Jour: Ref Zhur-Khimia, No 8, 1959, 27156.

Abstract: tions of the ammonium salts and are detected on the chromatogram with a 1% FeCl_3 solution in $\text{C}_2\text{H}_5\text{OH}$ or by heating the chromatogram to 180° . The method can be used for the qualitative determination of I and II in sulfonated products of the condensation of phenol with formaldehyde. -- B. Meloun

Card 2/2

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|------------|---|---|-----|
| COUNTRY | : | Czechoslovakia | E-3 |
| CATEGORY | : | | |
| ABS. JOUR. | : | AZKhim., No. 1959, No. 86289 | |
| AUTHOR | : | Muck, E.; Kokes, D.; Langmaier, F. | |
| INST. | : | | |
| TITLE | : | Chromatography of Sulfonated Products of Condensation of Phenol with Formaldehyde. I. Paper Chromatography of Phenolsulfonic Acids. | |
| ORIG. PUB. | : | Collect. Czechoslov. Chem. Commun., 1959, 24, No 4, 1350-1353 | |
| ABSTRACT | : | See RZhKhim, 1959, No 8, 27156 | |

CARD:

LANGMAIER, Ferdinand

Acid catalyzed pyrocatecholformaldehyde condensation. Part 2.
Kozarstvi 12 no.12:357-360 D '62.

1. Katedra mechanicke technologie kozeneho prumyslu, detasovane
pracoviste Slovenskej vysokej skoly technickej, Otrokovice.

LANGMAIER, Ferdinand

Acid catalyzed pyrocatechol-formaldehyde condensation. Pt. 3.
Kozarstvi 13 no.8:237-244 Ag '63.

1. Detasovane pracoviste Slovenske vysoke skoly technicke,
Otrokovice.

LANGMAIER, Ferdinand

Sour catalyzed pyrocatechol-formaldehyde polycondensation.
Pt. 4. Kozarstvi 14 no. 4:107-113 Ap '64.

1. Slovak Higher School of Technology, Worksite Otrokovice.

LINGMAIER, Zdenek

Device for adjustment of steering wheel transverse girder.
Automobil Cz 7 no.8:260 Ag '63.

LANGMAJER, Josef; WOWKOVA, Olga; DOLEK, Jiri; BALCAREK, Josef; JELINEK, Frantisek;
JOR, Josef, dr.; KINDL, Vlastislav

Further prospects of enterprise technical schools and enterprise
institutes. Prum potravin 16 no.2:Suppl:1-32 F '65.

1. Ministry of Food Industry, Prague (for Langmajer, Dolek and Kindl).
2. Department of Food Industry of the Slovak National Council, Bratislava (for Wowkova).
3. Education Department of the South Moravia Regional People's Committee, Brno (for Balcarek).
4. Regional Pedagogic Institute, Prague (for Jelinek).
5. Enterprise Institute of the Mlyny a testarny National Enterprise, Pardubice (for Jor).